

## Product Datasheet

# Human $\beta$ -CTx(Beta Crosslaps) ELISA Kit (orb1807098)

<b>Description</b>	Human $\beta$ -CTx(Beta Crosslaps) ELISA Kit
<b>Reactivity</b>	Human
<b>Range</b>	125.00-8000 pg/mL
<b>Target</b>	bCTx
<b>Note</b>	For research use only
<b>Application notes</b>	This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human $\beta$ -CTx. During the reaction, Human $\beta$ -CTx in the sample or standard competes with a fixed amount of Human $\beta$ -CTx on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human $\beta$ -CTx. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Human $\beta$ -CTx in tested samples can be calculated by comparing the OD of the samples to the standard curve.
<b>Sample Types</b>	serum, plasma, Tissue homogenate and Other biological samples
<b>Sensitivity</b>	37.64 pg/mL
<b>Expiration Date</b>	Please enquire.

